

From owner-qrp-1@netcom.com Mon Apr 10 23:42:44 1995
Date: Mon, 10 Apr 1995 16:42:01 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: 1000mi/watt award
Message-Id: <Pine.SUN.3.90.950410164024.9148A-100000@nimbus>

I recieved my award OK today.

Looks like the system is up and running fine.

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Mon Apr 10 21:17:31 1995
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199504102046.QAA07399@bio3.acpub.duke.edu>
Subject: Apr 27 Durham QRP Meet
Date: Mon, 10 Apr 1995 16:46:25 -0400 (EDT)

Announcing another fun, informal gathering of Triangle Area (Raleigh, Durham, Chapel Hill, NC) QRPers! All persons interested in low-power amateur radio communications are invited and encouraged to attend! Please spread the news about this meeting to all potentially interested people.

Start: 7:30 pm, Thursday, April 27, 1995, at 2522 Alpine Rd., Durham.

This is my (Dave Johnson's, WA4NID) house, at the corner of Alpine & Dixon. Dixon runs south from University Dr.

Directions from Duke: take Erwin (Cameron) Dr. south past the Washington Duke Hotel and past the exit to 15/501, past Durham Academy on the right to University Dr. (the next light). Take a left and go to the intersection of Chapel Hill Rd/Dixon Rd. Take a right and go till you see the sign for Alpine Rd. (just after Winton) on the left. Mine is the house on the corner (with the telephone pole).

Directions from I-40: take the Jordan Lake exit (route 751) and go north on this road (also called Hope Valley Rd) about 3.2 miles (past Garrett Rd and the golf course). Look on the left for the City Park sign; go past this, and past Saint Andrews Rd, and turn left at the next road, which is Alpine Rd. Follow Alpine until you pass Lucerne Circle on the right. The road dips and just as it starts to slope upward, you will see our house

on the corner on the right. (If you come to the end of Alpine, having just passed the driveway, you can back up OR do a loop around the block by turning either right or left).

Directions from I-85: Take 15-501 south to the Southsquare Mall exit. Follow the road (Chapel Hill Blvd) past the mall and take the exit for route 751. Take a right at the light at the end of the exit ramp (no turns on red!), go past Durham Academy, and from here follow the above "Directions from Duke" at this point.

Attendees will get to see my messy shack (a whole room full of junk, oh I mean treasures!) and antennas (if there's some daylight left), chat about QRP operating, and generally have fun fellowship! Everyone is encouraged to bring along rigs and/or accessories to "show and tell", along with your tales of recent QRP exploits. I will provide some refreshments (not dinner, just some drinks and snacks!). Hope to see you there! Again, please spread the word. 72,

Dave Johnson, WA4NID

--

David W. Johnson	Power is no substitute for skill
Amateur Extra WA4NID	QRP ARCI 6546
email: djohnson@acpub.duke.edu	G-QRP 4864
packet WA4NID@KB4WGA.NC.USA.NA	NorCal 355

From owner-qrp-1@netcom.com Tue Apr 11 00:30:30 1995
Date: Mon, 10 Apr 1995 13:23:27 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: ARCI contest
Message-Id: <Pine.SUN.3.91.950410131446.23104A@ume>

Well, it was a challenge!

We had our annual spring snow storm (snow still on the ground) so I had to stay in the house and play catch up on the computer and solder a few parts into several projects (I have electronic ADD....I usually build several things at the same time.)

So, I left the rig on 14.060 and raced over to call someone when I heard a CQ and made a few CQ's every hour or so.

Anyway, 4 qs on 40, 18 on 20. Lots were only possible with the AGC OFF. Just at the end, to make it worth it, good ole standby HP1AC/Qrp comes through the ether.....this has happened before.....what is his antenna? Actually, had a "pileup" at one point.....3 contacts in 1 minute.....then no signals at all for 2 hours! Sure glad I had that 486 and state of the art software to help me "cope" with the stress! :-)

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	* NorCal 519	ARCI 7099 GQRP 8329

Phone 403-271-5123 Fax 403-225-1276 * "Power is no subsitute for skill"

From owner-qrp-l@netcom.com Mon Apr 10 22:12:46 1995
From: JimN00CT@aol.com
Date: Mon, 10 Apr 1995 18:45:37 -0400
Message-Id: <950410184536_78527985@aol.com>
Subject: ARCI test results at N00CT....

Hi y'all--

Well, between gardening, mowing the lawn, etc [and it's usually the
etc. that kills me...] I didn't get much op time, but here is my
meager log for the most recent ARCI QSO party [all contacts on SWL-
40 at 0.95W output into a 40 meter sloping dipole]:

AE4CA	GA	
WA8LCZ	MI	
AA4YZ	OH	
KB4GID	GA	
N4ROA	VA	
K8NQC	OH	
W8MVN	OH	[Hi Ernie]
K8HVT	CT	[Thanks--this was a tough one!]
WA0RPI	MN	
AA8EE	OH	
N8FU	OH	
W9MSE	WI	[If you're on the list, what part of WI?]
KJ90	IL	
W3FAF	MN	
KC4IIS	TN	
AC8W	MI	

Tried to work AA4XX a few times, and once he even heard me, then
the band went right down the dumpster--lost him completely. Thanks
for trying!

I'll let the experts talk about the propagation, but the noise was
certainly much louder Sat. afternoon compared to Sat. morning.

Enjoyed it!

73, Jim N00CT

From owner-qrp-l@netcom.com Mon Apr 10 13:09:50 1995
Message-Id: <9504101456.AA10775@garnet.inel.gov>

Date: Mon, 10 Apr 1995 07:58:03 -0600
From: LVE1@inel.gov (Larry East)
Subject: Re: Bryon, WA8LCZ, QRP Op

>Write on, Larry!!!

>

>Your comments were "right on". I was amazed at the negative comments I
>received from a posting about the fella in Fla who was running 5 watts to
>a set of stacked 5 element monobanders at 60 & 90 feet during the SSB
>Sweepstakes. I got the distinct feeling that there are some on this list
>who feel that QRP should be done with homebrew gear (bailing wire and
>bubblegum wrappers), underground antennas and solar panels during a full
>moon!

>

>72 rich K7YHA

Well, here's the opinion from another "Larry" --

Although I certainly DO NOT believe that "real QRPers" must use the
equivalent of wet noodles for antennas, I also do not believe that the use
of \$100K+ antenna arrays is in the true QRP spirit. I used to enter the QRP
category of contents because I felt that I had a "fighting chance" to make a
decent showing -- but no more.

"Any opinions expressed herein are my own and probably do
not agree with those of my employer, the U.S. Government
or my spouse"

--... ..--

Larry V. East (W1HUE)

Idaho Falls, ID

e-mail: LVE1@inel.gov

Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005 home: (208) 529-2162

From owner-qrp-l@netcom.com Mon Apr 10 17:55:20 1995
Message-Id: <199504101758.NAA06431@jfwhome.funhouse.com>
Subject: Re: Bryon, WA8LCZ, QRP Op
Date: Mon, 10 Apr 1995 13:58:39 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> Although I certainly DO NOT believe that "real QRPers" must use the
> equivalent of wet noodles for antennas, I also do not believe that the use
> of \$100K+ antenna arrays is in the true QRP spirit. I used to enter the QRP
> category of contents because I felt that I had a "fighting chance" to make a
> decent showing -- but no more.

There are probably as many different "QRP spirits" as there are QRP operators, but I think most tend to believe that it's about using power effectively, not how much you spend on equipment (I spent less on my SB-401/SB-303 set than I did on my Sierra, which one is the QRP rig?). Some people are QRP out of necessity (neighbors with sensitive TV sets, backpackers) and most of these people also wind up with "QRP antennas" as well, but I don't think it's at all out of the QRP spirit to use metal to turn 5W into 1000W ERP. Remember, there is an important difference between 1000W and 1000W ERP: if you're using a beam antenna, you aren't QRMing the people you're not pointed at.

As to contest scores, well, at least there's no shortage of folks like me who are happy to get 3 contacts for you to feel you did better than :-).

72, John, WB7EEL

From owner-qrp-l@netcom.com Mon Apr 10 11:47:32 1995
Subject: Contest
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.18308.500@acenet.com>
Date: Mon, 10 Apr 1995 08:38:00 -0500

>From: brian.carling@acenet.com

GH>Hello to all...

GH>As much as I would like to give every station in the contest a contact
GH>from VE4 land I'm afraid conditions won't allow it...

GH>1500z....Sf=71, A=46, K=3...s/a vy low, g/m active/MAJOR STORM...

GH>I will listen Sunday

GH>72/73 de Greg (VE4GH)

Greg, there was another VE4 in there too. I got him, but missed you.
Couldn't get the VE2 or the 9U1 in Burindi to hear me either!

brian.carling@acenet.com AF4K

~ SLMR 2.1a ~ I've told you a million times not to exaggerate!

From owner-qrp-l@netcom.com Mon Apr 10 21:33:40 1995
From: CQC@aol.com
Date: Mon, 10 Apr 1995 11:31:35 -0400

Message-Id: <950410113134_78062558@aol.com>

Subject: Re: Dan's Small Parts & Kits

I'm really puzzled about Dan's situation. I hope it is just temporary. When I spoke to him in January, he said his business was the best ever. He said he was working about 12 hours a day, 6 days a week to keep up and was going to bring his girlfriend into the business to help. He said he was going to make a few changes to make it easier to fill orders.

Is there anyone on here who lives in the Missoula area who can check it out?

72,

Rich W0HEP

From owner-qrp-l@netcom.com Mon Apr 10 19:08:36 1995

Date: Mon, 10 Apr 1995 14:10:06 -0700 (PDT)

From: H Smith <hbs@crl.com>

Subject: Re: Earnie

Message-Id: <Pine.SUN.3.91.950410140023.27271A-100000@crl9.crl.com>

On Mon, 10 Apr 1995, chuck adams wrote:

> Bob et.al.,

>

> Ernie has a selective filter, thus we have found and this has

> been posted a lot last year after another contest that Ernie

> will miss you if you are not just right. See the

> archives. So if you are not in his passband, you will be missed.

Yes, yes, I know. You have said this many times before :-)

I hear Earnie alot in the morning. I am on 40mtrs just about every morning on the way to work. He always has a very good signal.

I would venture to guess that I have called him at least a dozen different times (using different techniques) with no reponse.

The one thing that I have not tried is to "tail gate" one of his contacts. I will try that next time.

One time I was calling CQ and Earnie responded. I was very happy. I gave him the standard report, name, qth and then turned it back. NO REPSONSE! He just went away. It always scares me when that happens. I never know whether their rig broke, my rig broke or somthing terrible has happened.

Oh well, I will keep on trying. Today DX, tomorrow Earnie!.... :-)

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-1@netcom.com Mon Apr 10 10:20:40 1995
Date: Mon, 10 Apr 1995 09:10:17 -0500
From: Bob Smith <rsmith@internetMCI.COM>
Subject: FS: NorCal 40A
Message-Id: <01HP62T998GI95MOGO@MAILSRV1.PCY.MCI.NET>

Built this thing - works great but I decided that I love building more than having two 40M QRP rigs. (I already have a ARK4). So I must now regrettably sell the NorCal 40A.

Reasonable offer please.

Bob Smith
rsmith@internetmci.com

From owner-qrp-1@netcom.com Mon Apr 10 22:46:00 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504101015.AA13044@cybernetics.net>
Subject: FS: TenTec 540
Date: Mon, 10 Apr 1995 06:15:13 -0400 (EDT)

Raleigh (NC) Amateur Radio Society Hamfest was held yesterday.
Great event with attendance boosted by WONDERFUL weather!

I helped with the VE testing: lots of code takers; the stream of new no-code techs are great quality people; and upgrades to Advance and Extra continues to be brisk. :^)

On a last swing around the vendors, I saw this:

TenTec Model 540 with model 262 PS
\$350.00
Cabinets of both appear very clean.

They are For Sale by Ray (N4LXW) and Judi Huff of:
Ray's Amateur Electronics
High Point, NC (910)883-6038 FAX (910)883-1464

I offer the info simply because someone might be interested in the

radio. Ray is a 'regular' at our hamfest, and a new equipment vendor:
so I expect that they are selling the 540 for someone.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Mon Apr 10 22:44:54 1995
From: JEVERHART@cayman.VF.MMC.COM
Date: Mon, 10 Apr 1995 14:43:59 -0400 (EDT)
Message-Id: <950410144359.238220e6@carib.vf.mmc.com>
Subject: Re: Mizuho on 20

Byron et all:

About the "capacitive paddles."

A couple of months ago I made some comments on the general topic of "touch" paddles on the list. I'll send them out again if anybody is interested.

Briefly, the "Copperhead" Keyer and a few others like the Ramsey kit are not true "capacitive" paddles, they rely on skin conductivity and/or stray filed pickup from local electrical lines conucted throught the opoerator's body. They can be very very sensitive to changes in humidity, skin conductivity ambient electrical fields, etc. Although I have used one off and on (no pun intended) for the last couple of years, I don't recommend them.

The design from SPRAT is probably better, but I haven't tried it. The best approach I've seen is a digital desing I saw when I worked for the Pulsar watch folks in another lifetime. It compared the delay in two signal paths one of which had a capacitive touch plate. When the touch plate was contacted by a finger, the extra capaictance added to the delay in that path which was sensed by digital circuitry. The result was a very stable repeatable touch sensor. AND it was tested for no damage up to 50 kV. If I get achance, I'll attempt to dig up the circuit and share it with the list.

Aside to Byron: Glad to work you finally on Sunday after unsuccessful earlier attempts. We must have a signal suckout between NJ and MI!

Aside to Bob: Gee I thought I was working you on 20 meters, Saturday. Turned out it was VE3DRB!

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Mon Apr 10 15:50:50 1995
Message-Id: <n1414605735.11504@mailgate.mc.com>
Date: 10 Apr 1995 12:06:19 -0400
From: "Bob Levine" <bob_levine@mc.com>

Subject: Re: OHR 30M Review

Reply to: RE>>OHR 30M Review

The Explorer's have one headphones output jack (1/4" Plug) and the impedance headphones you need are 8 ohms. Normal 32 ohm Walkman headphones result in reduced volume.

It is possible to put an internal speaker mounted against the case (drill some holes for sound to come out) and use the same jack. When you wire the 1/4 jack with one side of the speaker on the unused terminal, the internal speaker will cut out when the 1/4 plug for the headphones is inserted.

My company Radio Devices, carries the OHR stuff and I just finished building the 20m kit myself. Vy nice.

Bob KD1GG

Date: 4/7/95 02:10 PM
To: Bob Levine
>From: cebik@utkvx.utcc.utk.edu
Received: by mailgate.mc.com with SMTP;7 Apr 1995 14:09:47 -0500
Received: from firewall.mc.com (firewall [192.148.197.15]) by jericho = (8.6.11/8.6.11) with SMTP id OAA13947 for <levine@mc.com>; Fri, 7 Apr 1995 = 14:04:36 -0400
Received: by firewall.mc.com id AA12432 (5.65c/IDA-1.4.4 for <levine@mc.com>); Fri, 7 Apr 1995 14:04:35 -0400
Received: from mail.netcom.com(192.100.81.99) by firewall via smap (V1.3) id sma012426; Fri Apr 7 14:03:38 1995
Received: by mail.netcom.com (8.6.12/Netcom) id EAA04233; Fri, 7 Apr 1995 04:39:09 -0700
Received: from UTKVX1.UTK.EDU by mail.netcom.com (8.6.12/Netcom) id EAA04218; Fri, 7 Apr 1995 04:39:03 -0700
Received: from utkvx.utk.edu by utkvx.utk.edu (PMDF V4.3-13 #9964) id <01HP1SUBLIJA99IEYH@utkvx.utk.edu>; Fri, 07 Apr 1995 07:41:10 -0500 = (EST)
Date: Fri, 07 Apr 1995 07:41:09 -0500 (EST)
>From: cebik@utkvx.utcc.utk.edu
Subject: Re: OHR 30M Review
In-Reply-To: <9504062308.AA09833@chuck.dallas.sgi.com>
To: chuck adams <adams@chuck.dallas.sgi.com>
Cc: qrp-1@netcom.com
Message-Id: <Pine.3.89.9504070716.A560171321-01000000@utkvx.utk.edu>
Mime-Version: 1.0

Content-Type: TEXT/PLAIN; charset=3DUS-ASCII
Content-Transfer-Encoding: 7BIT
Sender: owner-qrp-1@netcom.com
Precedence: list

Chuck (and others who review rigs from time to time)

Wonder if the following is possible as an addition to the specifications and measurements given:

Speaker output impedance (especially where there is only a jack)
Phones output impedance

These items (perhaps added to the current SPKR entry) would help readers in knowing what sort of accessories are required or optimal.

Appreciated the info on the OHR Expl.-30

-73-
LB, W4RNL

From owner-qrp-1@netcom.com Mon Apr 10 20:36:59 1995
From: mtrail@violet.berkeley.edu
Date: Mon, 10 Apr 1995 13:00:43 -0700 (PDT)
Subject: Re: OHR 30M Review
Message-Id: <Pine.3.89.9504101249.A10037-01000000@violet.berkeley.edu>

[Forgive me if this is a re-post; I didn't see it appear after I posted it on Friday...]

Hi, all

I finished my Explorer 20 over spring break here last week, although I haven't smoke-tested or aligned it yet (waiting to borrow a frequency counter from a friend, and it's midterm grading time here at Berkeley).

A few comments...This was my second kit, after the Norcal 40a (which sounds quite nice now after I corrected my primary/secondary winding miscue on T2, thank you). I would second Chuck's comments about the manual--it's quite detailed and complete. It doesn't go into the theory of operation like the Norcal does, however.

The pc board is quite good, although I would still give the edge to the solder masking/silkscreening job on the Norcal. The case is big and beautiful--well, it SEEMS big. I didn't have to do any wiring on the Norcal, of course, where the OHR rig has a fair amount of it. I

understand you get more flexibility (and mechanical stability?) when you don't use board-mounted connectors, but I must say that personally wiring just gives me more of an opportunity to goof up...

The Explorer does use what seems to me a somewhat unusually-sized molex plug in its power connection--it doesn't fit the Radio shack molex plugs or any I could find at the local electronics store (Lasher's in Berkeley). I like to have several around so I can make different connectors for the different power sources I might use. I suppose I could have substituted "normal" sized molex connectors in the installation if I had been thinking ahead--I think it would fit. However, I called OHR and they graciously volunteered to send me an extra connector--Thanks!

Anyways, I don't THINK I experienced any problems in construction--we'll have to see if I'm not too cocky, however! It's a fine looking rig and I'm looking forward to getting it on the air...

Matt Trail KN6CR

"What, me worry?"

From owner-qrp-l@netcom.com Mon Apr 10 10:39:48 1995
Date: Mon, 10 Apr 1995 06:26:24 -0700
Message-Id: <199504101326.AA02114@lafn.org>
From: af389@lafn.org (David Shalita)
Subject: PIN Diode source

re: PIN Diode Handbook from UNITRODE

Can some one provide me with the addresses and phone numbers for UNITRODE and the company who bought UINITRODE's PIN Diode product line? Maybe it was Micro-semi, not sure.

Introduction to Radio Frequency Design book by Wes Hayward includes a diskette of software. I need assistance with one program, gpla.exe, General Purpose Ladder solver. Has anyone tried to run the built-in example, LADDER?

Does Wes Hayward, W7ZOI, the books author, have an internet email address, to discuss gpla.exe?
Thanks, Dave, W6MIK

--
af389@lafn.org

Dave Shalita,

From owner-qrp-1@netcom.com Mon Apr 10 22:29:39 1995
Message-Id: <199504101124.HAA05455@jfwhome.funhouse.com>
Subject: Re: portable paddles was Re: Mizuho on 20
Date: Mon, 10 Apr 1995 07:24:56 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> Has anyone tried the paddles made from computer 'mice'?

I haven't tried it on a keyer yet, but I have modified a mouse for just that purpose. Mice vary in their feel, but you can get a mouse with very nice switches for under \$10. And if you play DOOM as frequently as I do, you may find that you frequently HAVE to get mice for under \$10... :-)

Go to your local CompUSA and try all the mice on display.

From owner-qrp-1@netcom.com Mon Apr 10 12:25:30 1995
Message-Id: <9504101328.AA18115@us4rnc.pko.dec.com>
Date: Mon, 10 Apr 95 09:28:34 EDT
From: "N100Q Tom R. @ MR01 10-Apr-1995 0918" <randolph@est.enet.dec.com>
Subject: QRP alive and well in New England

Went to the Framingham, Ma. flea market yesterday, and finally found a sign-up sheet for NE-QRP! Maybe I've been asleep up to now, but that's the first time I've noticed them at a flea...

Also saw a Ten-Tec Argo 509 for sale - \$200, matching power amp was an extra \$50, I think.

re: the ARCI awards stuff

Life would have to get pretty dull before I'd air my dirty laundry in public like this... e-mail is the appropriate place. Just keep repeating: it's only a hobby, it's only a hobby, it's only a hobby.

-Tom R. N100Q randolph@est.enet.dec.com

From owner-qrp-1@netcom.com Mon Apr 10 15:14:47 1995
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199504101711.NAA00388@blackdog.sw.stratus.com>
Subject: Re: QRP alive and well in New England
Date: Mon, 10 Apr 1995 13:11:00 -0400 (EDT)

>

> Went to the Framingham, Ma. flea market yesterday, and finally found a
> sign-up sheet for NE-QRP! Maybe I've been asleep up to now, but that's the
> first time I've noticed them at a flea...

>
> Also saw a Ten-Tec Argo 509 for sale - \$200, matching power amp was an extra
> \$50, I think.
>
> re: the ARCI awards stuff
> Life would have to get pretty dull before I'd air my dirty laundry in public
> like this... e-mail is the appropriate place. Just keep repeating: it's only
> a hobby, it's only a hobby, it's only a hobby.
>
> -Tom R. N100Q randolph@est.enet.dec.com
>

In addition Radio Devices had an Oak Hill 20 meter Explorer, and the Oak Hill
QRP watt meter.

Bill

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	northup@sw.stratus.com
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752		QRP-NE #307

From owner-qrp-l@netcom.com Mon Apr 10 23:49:12 1995
Date: Mon, 10 Apr 95 11:46:40 MDT
From: miker@cc.com (Mike Robinson)
Message-Id: <9504101746.AA12797@cc.com >
Subject: QRP Amplifier

All,

Mike Bryce has an excellent article for building a
QRP amplifier. Pickup the April issue of 73 magazine.
Read on page 66.

Nice job Mike.

```
=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com                 Norcal #857 | "This thing's a radio?"
=====
```

From owner-qrp-l@netcom.com Mon Apr 10 11:06:26 1995
Subject: QRP ARCI Spring QSO Party
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.18307.500@acenet.com>

Date: Mon, 10 Apr 1995 08:38:00 -0500

>From: brian.carling@acenet.com

RA>Well, gang. I did a prop cut at 0218Z this morning and the NBS says that
RA>we have a major storm underway. The flux was 71, A Index was 46 and the K
RA>Index was 4! Looks like a fun day for QRP!

RA>72 rich K7YHA

Hey Rich. I enjoyed working you & many others in the contest...
But you are absolutely right about propagation. Conditions were
absolutely abominable!

~ SLMR 2.1a ~ I've told you a million times not to exaggerate!

From owner-qrp-1@netcom.com Mon Apr 10 10:34:40 1995
Date: Mon, 10 Apr 95 07:48:29 EST
From: John Foote <footej@hn.va.nec.com>
Message-Id: <9503107975.AA797525309@bills.hn.va.nec.com>
Subject: QRP Contest

I'm not sure anyone else cares as much about this as I do but here are
my two cents worth on the Contest:

I looked forward to the QRP contest and eagerly sat down to my rig
after the boys' soccer games Sat. afternoon.

Didn't have any fun at all. As a matter of fact I was very
disappointed.

Sat. afternoon and a crowd of folks are at 7.040 on top of each other
calling AQ QRP at 30 to 35 words per minute.

It took me two years but I am now proficient at 14 to 15 wpm code.
These calls were useless. I'm not an ARCI member and I didn't know
the format for a member no. I still don't. I thought this was going
to be a casual type affair, with the gang checking out their rigs. I
was wrong. I couldn't copy a thing. I knew the exchange these guys
were looking for, so I dove in and returned one. I asked QRS and he
slowed down for one round but sped up again. I logged one QSO and
through my pencil across the table.

You would have thought this was the CQ WW or the ARRL DX the way every
body I heard (many) were sitting on freqs. and "running" QSO's. Don't
you think assuming that one can blow through all the QRN and QRM (a

bunch) and run a freq. --- with only 5 watts --- is a bit of a stretch?

Evidence for my case: I heard a crowd of "CQ QRPers" around 7.040, within about 700 Hz of each other going at terrific speed. No one was answering, but they kept going. Maybe they had already worked each other. Up 1,500 Hz is a guy going on and on rattling off CQ QRP's, with no one answering him, either.

In the big gun contests you have the hard core contenders who have been doing this for decades. They have big antennas, linears and FT-1000's. They have digital recorders that call CQ for them until someone comes back. They can own a freq. And even the big contests set aside portions of bands designated for slower folks to work at about 13 wpm.

I think most QRPers are into this part of the hobby for the operating challenge or don't want to spend big bucks in order to have HF fun. Some, I'm sure come to a contest to check the quality of their rigs on a crowded band with far off stations out there to find. These folks primarily enjoy the homebrewing and so haven't spent evening after evening practicing code. Younger QRPers (and there is a contingent of Novice/Techs) haven't been around long enough to be at 30 wpm. Many QRPers are Novice/Techs.

How many QRP rigs have 250 Hz brick wall DSP or 8-pole crystal filters? Not too many. My rig doesn't (yet) and it cost 6 times what most QRP rigs go for. So why all the stations on top of each other at 7.040 when they could have spread out? There was room.

I thought, well this is the advanced slope. I'll go over to the Novice band and get where I belong. No one there on 7.1xx.

I hope everyone enjoyed the contest and will forgive obvious sour grapes. I set out expecting what this one wasn't. And that's my fault. But just think. Those folks on 40 m. Sat. afternoon could have had a bigger score. They didn't log me, and they could have.

73 & 72

de KR4GL

From owner-qrp-l@netcom.com Mon Apr 10 18:38:03 1995
From: "Warren E. Lewis" <saswel@unx.sas.com>
Message-Id: <199504101913.AA24241@cardamom.unx.sas.com>
Subject: Re: QRP Contest
Date: Mon, 10 Apr 1995 15:13:08 -0400 (EDT)

John,

----- John writes -----

> I looked forward to the QRP contest and eagerly sat down to my rig
> after the boys' soccer games Sat. afternoon.
> Didn't have any fun at all. As a matter of fact I was very
> disappointed.

I can understand your frustration....my first ARCI QRP contest was in the Spring of 1992. I was only a Tech Plus at the time so I had to work only the Novice portion of the bands. I think I only wound up with 5 or 6 QSOs in about 6 hours of trying. The next year I had upgraded to General and my code speed was still only in the 10 wpm range on good days. I had similiar experiences as you...people were sending much to fast for me to reasonably copy.

What I did a lot of was to listen for someone CQing and wait for him to make a few (4-5) contacts until I could copy all their info. At that point, I would call them and make the exchange knowing what they were going to send ahead of time. Most of the folks that I worked would adjust their sending speed to what I had used to send to them. The keyword was most of them...some of the folks kept sending at breakneck speeds even when I would call them at under half of what they were sending (I imagine they were using a contest program such as CT which can only send as slow as 22 wpm).

It was very slow going as you can imagine only 3-4 contacts an hour. But, once I got the exchange down it got easier.

> Sat. afternoon and a crowd of folks are at 7.040 on top of each other
> calling AQ QRP at 30 to 35 words per minute.

Yeah...it was pretty amusing to hear people all over top of each other. With QRP, a lot of times many people can think a frequency is clear, because they can not hear the other folks calling. But, if you are in the right place you can hear all of them making unreadable noise.

>
> I thought this was going
> to be a casual type affair, with the gang checking out their rigs. I
> was wrong. I couldn't copy a thing. I knew the exchange these guys
> were looking for, so I dove in and returned one. I asked QRS and he
> slowed down for one round but sped up again. I logged one QSO and
> through my pencil across the table.

>
> You would have thought this was the CQ WW or the ARRL DX the way every
> body I heard (many) were sitting on freqs. and "running" QSO's. Don't
> you think assuming that one can blow through all the QRN and QRM (a
> bunch) and run a freq. --- with only 5 watts --- is a bit of a
> stretch?

In most contests you will find a bunch of serious ops and then just a few casual ops. I think this year with the propagation so bad that most of the casual ops found other things to do with their time. I was one of those...I only worked the contest for an hour and made about 15 or so contacts and then found better things to do on a gorgeous spring day in North Carolina.

>
> Younger QRPers (and there is a contingent of
> Novice/Techs) haven't been around long enough to be at 30 wpm. Many
> QRPers are Novice/Techs.
>
> I thought, well this is the advanced slope. I'll go over to the Novice
> band and get where I belong. No one there on 7.1xx.

I went up there for about 15 minutes and called CQ and listened around and didn't hear a soul. I think again the propagation situation didn't help things.

>
> I hope everyone enjoyed the contest and will forgive obvious sour
> grapes. I set out expecting what this one wasn't. And that's my
> fault. But just think. Those folks on 40 m. Sat. afternoon could
> have had a bigger score. They didn't log me, and they could have.

I'm sorry this contest experience was not a very good one for you. My first one was not very good either. Please give it a try again!! We need more casual ops in the contesting ranks. It is what allows all the big gun testers to make their outrageous scores and for us little guns to have fun trying to catch them.

My goals at the beginning of every contest are as follows:

1. Have Fun!!
2. Improve my operating skills
3. Have Fun!!
4. Improve my score over last time
5. Have Fun!!
6. Have Fun!!

Cheers and 73 - Warren

--

Warren E. Lewis
Technical Support Division
SAS Institute Inc.
Cary, NC

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(919) 677-8001 x6542
PP-ASEL
AD4ZE DOD#0021

From owner-qrp-l@netcom.com Mon Apr 10 22:37:19 1995
Date: Mon, 10 Apr 95 16:45:41 CDT
From: msdoooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9504102145.AA04979@collie.aud.alcatel.com>
Subject: Re: QRP Contest

[snip]

> Didn't have any fun at all. As a matter of fact I was very
> disappointed.
>
> Sat. afternoon and a crowd of folks are at 7.040 on top of each other
> calling AQ QRP at 30 to 35 words per minute.

ditto, I found the same group going full speed. Also, I was using an HW8
which hears them on both sides of the main frequency effectively doubling
the number of signals.

>
> It took me two years but I am now proficient at 14 to 15 wpm code.

me, too. I don't have the time (yet) to really work hard and get above this
speed. I usually cruise at 10-12 wpm.

[snip]

> You would have thought this was the CQ WW or the ARRL DX the way every
> body I heard (many) were sitting on freqs. and "running" QSO's. Don't
> you think assuming that one can blow through all the QRN and QRM (a
> bunch) and run a freq. --- with only 5 watts --- is a bit of a
> stretch?

Wellllll.... if everyone is running 5 watts then the playing field will be
somewhat more level... compared to the 'big gun' contests, anyway.

[snip]

> I thought, well this is the advanced slope. I'll go over to the Novice
> band and get where I belong. No one there on 7.1xx.

I heard several people calling CQ in the novice segment, but there were also a lot of broadcast stations in there. None were calling CQ QRP or CQ TEST which is kinda what I was looking for... and I didn't look very long...

>
> I hope everyone enjoyed the contest and will forgive obvious sour
> grapes. I set out expecting what this one wasn't. And that's my
> fault.

Well, I had the same expectations. Unfortunately, I've never contested before and this method of operating was quite a shock.... but I will try again. Hey, maybe we should stake a claim to our own frequency?!? P-)

[snip]

> 73 & 72
>
> de KR4GL
>
>

My only contesting experience is on the fox hunt we had for the last few months. It was a lot more relaxed and fun. I even caught the fox several times. Unfortunately, the fox hunt is over till fall, but I've heard rumblings of other 'Contests' in the works. We can always hope!

Mike KE4PC

From owner-qrp-l@netcom.com Tue Apr 11 00:30:24 1995
Message-Id: <199504110001.SAA13441@scratchy.itsnet.com>
Date: Mon, 10 Apr 1995 16:29:57 -0700
From: radventr@itsnet.com (Jim Stevens)
Subject: Re: QRP Contesting

These comments all make sense to me. I like the contests because of the chance to experience the vagaries of propagation, figure out what rig and antenna are really doing, and more than anything else to touch fingers with the other qrp crazies I like to interact with. The qso party/contest gives us a time and place to get together and chirp at each other. de jim KK7C

I have a related, but less radical proposal. In a lot of the contests now your power multiplier is determined by the highest power you used on any band. I would like to see the rules changed so that you could at least have a separate power multiplier on each band depending on what you are running there. That way, you could tweak your power on a per band basis depending on how much you think you need to be effective.

72/73... howie
wb2cpu@world.std.com

>I believe Byron has several valid points. The goal should be increase
>the qrp activity and not to create divisions within the group. Some
>do not have the skills to build decent home brew gear, however, they
>may be great operators. Having the ability to build does not make one
>the first class A1 operator. I listen all day last saturday and heard
>several stations calling CQ that did not have the skill, equipment, or
>maybe it was ability to hear the stations calling them. I heard other
>very weak stations making contacts after contacts. The purpose of a
>qrp contest should be to improve the operating skills of the group.

>

>de stan AK0B

>

>On Tue, 4 Apr 1995 Byron8LCZ@aol.com wrote:

>

>> I had trouble working the 1 watt or less group this time. Some were so weak,
>> that I asked for repeats and others were not even strong enough to make it
>> into my receiver, even though they had good locations and antennas.
>> Propagation conditions are only going to get worst as summer approaches.
>> Perhaps a contest where we CAN vary the power depending on conditions at that
>> minute and depending on the band we're on and how well, we're receiving the
>> other guy. You could call someone at 1 watt, if he doesnt answer, kick it up
>> to 5 watts. You get more points for the 1 watt contact if you can make it.
>> this would satisfy everyones lust for milliwatting and still allow everyone
>> to make a bunch of contacts. perhaps in the exchange, you could say "559 MI
>> 1W".

>>

>> I think we're losing too many testers because of the multiplier system. We
>> need to get more people involved in QRP contesting each contest and not
>> penalize anyone for running 5 watts or commercial gear. I'm sure many ops
>> dont enter the contests because they know there wont be much activity and
>> they dont want to commit an entire saturday for a dozen contacts. Its
>> certainly a big consideration. With thousands of QRP members and almost a
>> dozen QRP clubs, there should be more QRP testers. Why arent they getting
>> into contesting? Its alot of fun.

>>

>> Maybe we could group the homebrewers together and offer certificates just for
>> that group. Have them compete against other homebrewers.

>>

>> Working the most number of contacts should be the most important thing to
>> stress in a QRP contest, the power level should be secondary. Most of the 1
>> watters worked 10 or fewer contacts. thats not many for 8 hours of effort. At
>> this point in the solar cycle, milliwatting is not very reliable for a
>> contesting enviornment.

>>

>> Super low power milliwatting is fine for setting records but not reliable for
>> regular contacts over a long period of time. Lets redirect our efforts into
>> building up a larger group of testers, and providing a place to test
out ne
>> w homebrew gear, antennas and current solar conditions. it will be more fun
>> for everyone. remember the fall ARCI contests ? Talk about activity...
>>
>> My approach to QRP is to get the best antenna, use the lowest loss coax and
>> follow the propagation. As the sun rises, go to a higher frequency, as it
>> sets, go lower. Follow the MUF (maximum usable frequency) Listen for those
>> short band openings and work as many QRP'ers as i can. QRP contesting is so
>> much more fun and challenging than blood and guts DX contests. I cant figure
>> out why more aren't involved with it.
>>
>> With conditions getting worst, going into the summer, we need to encourage
>> more testers to get active, make the rules easier, dont penalize anyone
>> and offer certificates for the top scores in both commercial and homebrew
>> catagories.
>>
>> What do you think ?
>>
>> 72, Byron WA8LCZ Detroit
>>
>>
>
>

From owner-qrp-l@netcom.com Mon Apr 10 10:45:16 1995
Date: Mon, 10 Apr 1995 09:39:29 -0230
Message-Id: <199504101209.JAA28708@public.compuser.nf.ca>
From: rgobrick@public.compuser.nf.ca (Robert J. Gobrick)
Subject: Re: QRP+ Users Club

Hi Peter,

Not sure if I sent you an answer to your message. Thanks for the note on
the QRP+ users in Europe (Germany). I should be getting my unit in about a
month. Please keep us informed about any mods, upgrades you do in your May
news report.

I'll try to do the same here. By the way the G-QRP Club has a GQRP-L list
going that has a "digest" version. It is a fairly new list so not much
activity yet, but it may be a good "gateway" for you to post stuff that then
may make it's way over to the qrp-l list (yes I know the Internet is
EVERYWHERE - hi).

Yes and it would be nice to talk over the air , but the propogation has been

a little low lately.

So Thanks and 73 and 72 Bob V01DRB/WA6ERB

PS: QRP-L list: letter posted to Peter about QRP+ Users Group

>
> Hello Bob,
> tnx mssg.
> I have been on qrp-l@netcom.com until Dec94, but here in Gernmany it
> has become to expensive (now abt 50-80\$ a month) to receive such a big
> list with so many waste_mssgs. I believe, most of the mssgs better are
> given in real ham radio qsos?s HI. Also the number of mssg is to big
> to do it via the company line allthough i am allowed to use it for
> mssgs like this HI.
>
>
>
>> About a month ago 30 of us made a group purchase order with Index Labs for
>> the QRP+ and microphone. So by the end of April or so there will be
>> another 30 or so raving qrp hams with QRP+'s.
>
>I hope so, but i think, they have some problems with the big number of OM?s
>trying to get an QRP+
>
>>Do you have any thoughts of an on-line newsletter to exchange
>>ideas/mods/operating hints on the QRP+? I would be very interested to hear
>>the things you guys are doing with the rig. I hear that maybe there will
>>be a ROM upgrade to increase the number of speed steps for the keyer. Also
>>I read that some changes were made on later units based on feedback from
>>the European users. Did your Funkamateur article have any modification
>>information?
>
> Yes, we try to file all the Infos abt the QRP+ The firs compiled
> QRP+ARCHIVE will be send out at beginn of May. We also heard abt an
> modified ROM, Bruce Franklin promised to send us the ROM Code to make
> own mods, but we didnt get it until now. We made some mods, some of
> them are realized in newer QRP+
>
> I am very interested to have a bridge / gate to qrp-l_QRP+ users. If
> it is possible, please send me the mssgs of common interest abt QRP+
> from the list.
>
> So far for the moment, 73 de Peter, DL2FI
>
>
>

From owner-qrp-1@netcom.com Mon Apr 10 11:08:36 1995
Subject: QRP-ARCI Soapbox
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.18311.500@acenet.com>
Date: Mon, 10 Apr 1995 08:38:00 -0500

QRP ARCI Contest Results 4/8/95 - 4/9/95 AF4K
Gaithersburg, MD

Station equipment: TS-430S running 5 watts output
Antenna: 128 Foot end-fed wire up 18 feet high.

Total number of QSOs with ARCI member stations = 104
Total number of QSOs with non-member station = 42

104 X 5 = 520
42 X 2 = 84

Sub total score = 520 + 84 = 604

States, provinces and countries worked per band:

160 = 0
80 = 4
40 = 24
20 = 21
15 = 2
10 = 0
TOTAL multiplier = 51

POWER multiplier = 7

Score = 604 X 51 X 7 = 215,628
=====

The big thrill was getting a call from HP1AC on 20 in response to my CQ!
This contest saw what was probably some of the most abysmal band conditions ever! Thunderstorms and heavy QRN both days, sunspots that were virtually at zero, or so it seemed, and geo-magnetic disturbances etc. etc. To top it off, many operators just do not know how to work a contest and throw in a lot of un-necessary characters like _UR_ rst! Who else's RST would they be givign OTHER than mine? <grin> and then there were the ops who goofed around for so long that the band faded and we didn't complete! A lot of QRP ops REALLY need to sharpen up their operating skills... maybe these contests help them learn, but they sometimes send WAY too much information, like their name, hometown and favorite color (well...) etc. all at 10 wpm... OK I'll stop grumbling now!

1) KB7BEJ who gave up too easily after only one try, and then sent: "SRI UR OSB SK" and was GONE!

3) Calling CQ for 15-20 minutes at a time with no replies is a drag but I DID manage to read the excellent article on W4HHK's pioneering VHF/UHF work in QST at the same time! And no, I did NOT use a memory keyer, he he!

Biggest disappointment: 1432 UTC on Saturday when I heard 9U1ZV calling "CO ORP" on 20 and couldn't raise him!

The DIGI chirpers gave me fits on 20 meters at times. They seem to be ALL over 14060-14065 these days making a CW contact difficult!

— — —

From owner-qrp-l@netcom.com Mon Apr 10 10:27:42 1995
Date: Mon, 10 Apr 1995 06:20:01 -0700 (PDT)
From: H Smith <hbs@crl.com>
Subject: Re: QSO Party
Message-Id: <Pine.SUN.3.91.950410061305.11610B-100000@crl6.crl.com>

 $\succ$

A decorative horizontal separator consisting of approximately 60 small black triangles arranged in a single row.

The propagation condx were abysmal for the most part although I did manage to qso MN and MO during daylight with 1 watt from my NC-40A. Enjoyed a 15 M QSO with a novice who sent at a slow but copyable speed and gave me the first "538" report I've had in years! That contact went on so long that I didn't get his final QSL - hope he copied me. All told I had 20+ contacts in several hours of casual operation spread over Saturday and Sunday.

It was an excellent opportunity to compare equipment and antennas. To my chagrin, I found that I was wrong in my earlier assessment of antennas. During the QRP to the Field, I thought that my HF6-VX outperformed a new dipole of 40 meters. The feedlines must have been switched because a half hour on the vertical resulted in only one QSO. Switching to the dipole added two S-units to received signals and probably to my transmitted one, too.

The weekend was a super time to compare my beloved ARGO 509 to the new NC-40A under crowded band condx. No surprise here - the NC-40 won hands down. The xtal filter is much sharper - as expected and its opposite sideband rejection is much needed when trying to copy weak peepers in amongst the digital cricket critters and QRO tuneup artists. Then when the South American SSB contingent invaded at night on Saturday, the NC-40's narrower filter really showed its value.

It was super to hear so many of the familiar qrp-l gang. The Internet is nice, but gee, guys hamming is so much fun!

Now for some soapbox comments:

Each of us expects something different from the on-the-air events. I enjoy checking out equipment and antennas, working some of the gang and trying out some contest operating skills. Others may want to chat and have some leisurely QSO's to socialize. There's nothing wrong with any of those motives. I think you just have to gauge what's going on and adjust to what you find on the air. If you want to make 10,000 qso's, go ahead and try. If you want to chat, go up to 7045 or 7050 and make your desires known to someone operating up there. I had several short chats beyond the contest exchanges with folks who wanted to slow down for a moment or two and just gab. I think that most ops not in the heat of the battle will oblige another willing chatting partner.

There were some really SHARP contest operators there! For those so inclined you can have some fun with the experienced guys. With these known good ops who obviously use QSK and have good signals, you can often just get their attention while they are CQ'ing by sending to get their attention. They then reply with ? or QRZ and you call them. Saves lots of time!

When you're working an op of that caliber and you both have strong signals (mostly when qrp'ers say 599 they mean it!), you don't have to repeat everything twice or three times for example if you are both 599 your exchange can be

BK UR 599 NJ NR 169 BK

If he gets it fine, you've not wasted unnecessary time. If not, he'll ask for repeats. And don't be afraid to repeat or ask for repeats when condx are tough.

Another tip. When you have a known good op at the other end, you may be able to squeeze a short exchange like the above into a hole in the qrm while a longer exchange might be clobbered.

However, adjusting to band conditions and the operator at the other end is very important. While the short cut techniques may work with experienced operators with readable signals (not necessarily strong), they may confuse and frustrate those not used to high speed contesting. If you sense that the other operator is uncomfortable, SLOW down and be more conventional. If he wants to chat a bit, go ahead and be courteous. And give repeats if you think its necessary. There's no reason to be impatient and rude, not everybody expects short cuts and fast exchanges. The whole idea is communication and the best ops adjust their style to suit the situation.

Whew, enough soapbox. Live long and prosper!

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Mon Apr 10 22:48:24 1995
From: Byron8LCZ@aol.com
Date: Mon, 10 Apr 1995 15:27:19 -0400
Message-Id: <950410152717_78303198@aol.com>
Subject: Re: Spring QSO Party, Lousy P...

Low angle of radiation antennas (like Delta loops and verticals) transmit farther then they can receive. I've made many contacts on the west coast, where the guy says "i've heard you for weeks, i'm glad i finally got thru" and it was the first time i've heard him strong enough to answer. The other guys antenna is usually a dipole mounted too close to the ground. so it takes more hops (lets say 4) to hear his signal then for him to hear you (you might be making 3 hops). This seems to account for the difference in signal strength. Recently (April 6th) I worked a guy in Gig Harbor Wash, running 500 watts to a dipole, i was running 5 watts to a vertical, our signal reports were within 1 S-unit.

Plus local conditions (QRM, QRN) can hide signals in the receiver. Ernie uses a narrow filter and his RIT range is plus or minus 1 khz i think, so you have to move your transmit freq around to get into his bandpass, before he can

hear you.

Ernie will usually win the 40 meter single band award, so he's receiving and working a lot of signals. but his Delta Loops are not rotatable. the last time we talked, he said he was playing with phasing two Delta Loops aimed to the west. they were at 60 or 70 feet. which explains why the guys on the west coast hear him so easily (when the propagation cooperates)

Rather than get Ernie to lower his power, let's get everyone else to put up Delta Loops or Verticals !

72, Byron WA8LCZ Detroit

From owner-qrp-l@netcom.com Mon Apr 10 10:36:03 1995
Date: Mon, 10 Apr 1995 09:39:26 -0230
Message-Id: <199504101209.JAA28705@public.compuser.net>
From: rgobrick@public.compuser.net (Robert J. Gobrick)
Subject: Re: Spring QSO Party, Lousy Propagation

QRP-L gang,

Can we collectively talk to Ernie at Dayton this year - Yes his signal was down from his "normal" on 40 meters but towards the end of the contest he had his automatic keyer cranking out a good 589 here in Newfoundland. I tried and I tried (up frequency, down frequency, on his frequency etc) but no go.

What happened to Chuck's theory on reciprocity (or whatever he calls it) - If Ernie is running less than 5 watts and I'm running less than 5 watts and Ernie with his killer antenna puts in the strongest signal here why can't he hear me? Albeit, I don't have a full wave loop on 40 but that shouldn't make the difference. It's got to be Ernie's receiver - we need to run a S/N test on his rig if he brings it to Dayton.. hi (or else ask Ernie to reduce his power to less than 100mw so he equalizes his signal with ours - hi)

72 Bob V01DRB/WA6ERB

from Cam

>Crummy propagation. Ernie was down to 559 out here.
>
>72, Cam
>

From owner-qrp-l@netcom.com Mon Apr 10 17:10:23 1995
Date: Mon, 10 Apr 1995 11:57:38 -0500

From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <199504101657.LAA05011@chuck.dallas.sgi.com>
Subject: Re: Spring QSO Party, Lousy Propagation

Bob et.al.,

Ernie has a selective filter, thus we have found and this has been posted a lot last year after another contest that Ernie will miss you if you are not just right. See the archives. So if you are not in his passband, you will be missed.

Remember, the Principle of Reciprocity has to do with antenna to antenna terminals and anything after that is not covered by this fundamental concept. Things like receiver sensitivity, crystal filtering, transmitter/receiver offsets, operator skills, etc. enter into another world not exactly covered by the Princ. Recip.

I worked Sat and Sunday with a group in Dallas on a shelter for the homeless, but I did fire up the rig around 9pm (CST) for an hour and a half and worked only 3 stations and a fourth could hear me, got the call, but no complete exchange.

Everyone was weak and propagation wasn't all that great here. Sounds like others doing the higher bands during the daylight hours had great success.

Someone should keep statistics on how many times we have been caught by solar flares and bad propagation during a test. With low power it becomes very critical.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Apr 10 15:01:27 1995
Message-Id: <9504101456.AA10767@garnet.inel.gov>
Date: Mon, 10 Apr 1995 07:58:01 -0600
From: LVE1@inel.gov (Larry East)
Subject: Re: Tejas QRP Keyer Kit...need Curtis Chip

>

>

>On Fri, 7 Apr 1995, Larry East wrote:

>

>> Recent posting from Rich Arland:

>> >

>> >Just finished building up the Tejas keyer kit. Unfortunately, it came

>> >with out the chip (now I need to find a chip). Anybody have a curtis

>> >8044ABM chip for this keyer at a resonable price?
>> >
>>
>> Seems like a pretty crummy excuse for a "keyer kit" if the main component is
>> not included!!
>
>
>Well, it was a GIFT from Bill Hickox at Tejas. He said it didn't have the
>IC, so I finally got around to building it and now I need the chip. The
>price was right!
>
>72 rich
>
Well, guess you should have been more explicit in your original message; I
got the impression (and maybe others did as well) that the "normal" kit did
NOT include the keyer chip!

72 and my appologies to Tejas...

Larry W1HUE/7

From owner-qrp-l@netcom.com Tue Apr 11 00:29:08 1995
Date: Mon, 10 Apr 1995 19:26:23 -0400
Message-Id: <9504102326.AA17186@leo.nmc.edu>
From: ab082@leo.nmc.edu (Phillip Cuchetti)
Subject: ten tec kits?

At Dyaton last year i saw that Ten Tec has many kits for sale.
Does anyone have a phone number or address of Ten Tec kits?
I should have bought some of them but other things were more pressing.
Tnx.....72..Phil KD8UX...

From owner-qrp-l@netcom.com Mon Apr 10 16:42:37 1995
Date: Mon, 10 Apr 1995 09:59:21 -0400 (EDT)
From: Bruce Robertson <brucerob@epas.utoronto.ca>
Subject: total watts for WAC
Message-Id: <Pine.3.89.9504100932.A5571-0100000@blues.epas.utoronto.ca>

Well gang, I'm planning an antenna to reach my next QRP goal up at the
cottage this summer: Asia by QRP. That and Africa, and I've got the lot.
Its an interesting problem: I think the reason I have hardly heard any
Asian sigs is that I've used antennas that have no f/b ratio. Asia is
from 330 deg. to 30 deg from my QTH; turn that around 180 deg. and you
have all the continental US! So some directionality is in order, and I'm

thinking of 2 20m delta loops in the trees spaced about 1/4 wavelength. The Antenna book shows such an arrangement with the reflector slightly larger than the driven element. However, I like Moxon's idea of keeping the loops the same size and using stubs and tuning caps to make one into the reflector; that way you can reverse the beam by switching in the tuning elements. Does anyone have any experience with this? I'm a little confused about how the stub/cap electrically *lengthens* the reflector.

All this continent hunting got me thinking that it would be interesting to know the total watts people used to get all the continents. We've seen the micro-watt qso's that people can make, but at least as interesting is the challenge of making very low power qsos over all the major dx paths. Has anyone done it with less than a watt total? On 20m? On *40m*? If you'd like, send me a break-down of continent, power and band, and I'll post a compilation to the list.

72, VE3UWL

Bruce G. Robertson Dept. of Classics, U. of T.

From owner-qrp-l@netcom.com Mon Apr 10 12:39:49 1995
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Mon, 10 Apr 1995 09:32:31 CST
Subject: trimmers & NN1G
Message-Id: <2B76B571D@iunhaw1.iun.indiana.edu>

I have decided to try to construct the NN1G transceiver in the 1995 handbook. From what I have seen on this listing, there are those out there who have built and use this rig. My question is where does one get the Murata trimmers from? Mouser has 7 mm trimmers instead of the 6 mm in the article. Is there really any difference?

Also, any comments about this rig from anyone??

Thanks

72 & 73 de Tim WB9NLZ

From owner-qrp-l@netcom.com Mon Apr 10 17:35:18 1995
Date: Mon, 10 Apr 1995 13:41:29 -0400 (EDT)
From: Wynn C C <wyn@stc06.ctd.ornl.gov>
Subject: Re: trimmers & NN1G
Message-Id: <Pine.OSF.3.91.950410133500.18480D-1000000@stc06.ctd.ornl.gov>

Tim,

I have the schematic of the NN1G Mark I 20 Meter Superhet Transceiver that Chuck sent out as a test of the postscript file distribution system.

I don't have the 1995 handbook. If this is the correct schematic, I don't understand how the FET Q2 which appears as a common gate muting bilateral switch, gets biased "ON". I think I see how it gets biased "OFF". Is pin 4 on the preceding NE602 at a DC bias? Can someone straighten me out on this?

From owner-qrp-1@netcom.com Tue Apr 11 00:26:56 1995
Message-Id: <abaf3ea90102100361e3@[129.74.35.16]>
Date: Mon, 10 Apr 1995 15:04:25 -0500
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: WWW site update

Development of my qrp-1 web site is proceeding at a good pace.

I have added a list of QRP clubs compiled by Richard Hieber, DL8MFQ/AA8CP, as well as a list of QRP-related publications compiled by L.B. Cebik, W4RNL.

The URL is:

<http://ncc701-d.cc.nd.edu/qrp-1/>

or

<http://ncc701-d.cc.nd.edu/qrp-1/index.html>

Check it out. If you wish to contribute to the site, please contact me.

72

--Steve, N8HSC

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"It really hurts when you get hit in the face with a car."